DECLARATION and POWER OF ATTORNEY

ATTORNEY'S DOCKET NO.: PHNL000770 US

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first joint inventor (if plural names) are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "Method of measuring alligment of a substrate with respect to a reference alignment mark"

| ine specification of whi | | | | | | | |
|---|---|---|--|--|---|---|--------------------|
| was filed on | | | Application Serial No a | | | and was amended on (if applicable). | |
| amended by the amen acknowledge | that I have reviewed an dment(s) referred to abo the duty to disclose inf | ve. | | | | | |
| Code of Federal Regul I hereby claim | lations, §1.56(a). I foreign priority benefits ted below and have also | under Tit | e 35, United S | States Code, § 119 of a | ny foreign appli | cation(s) for pat | ent or |
| date before that of the | application on which pri | ority is cla | imed: | PPLICATION(S) | CHE OF INVENTOR | 3 Contineate nav | ing a illing |
| COUNTRY | APP. NUMBER | | DATE OF FILING (DATE, MONTH, YEAR) | | | PRIORITY CLAIMED UNDER 35 U.S.C. 119 | |
| Europe | 00204825.4 | | 27 Decemb | 27 December 2000 | | YES | |
| as the subject matter or provided by the first pa | | his applica ed States ((a) which | ition is not dis Code, §112, I occurred betv | closed in the prior Unite acknowledge the duty to | d States applic disclose mate | ation in the mar | nner as defined |
| APPLICATION SERIAL NUMBER | | FILING DATE | | 2711 7 2.07(11011(0) | STATUS (PATENTED, PENDING, ABANDONED) | | DING, |
| 10 | | | | | ADAINDONE | | |
| ike so made are punisi viliful false statements OWER OF ATTORNI | to be true; and further thable by fine or imprisor may jeopardize the valides. EY: As a named invento so in the Patent and Trades. 26,902 No. 32,266 No. 30,245 | nment, or b dity of the r, I hereby | ooth, under Se application or appoint the f | ection 1001 of Title 18 o any patent issued there ollowing attorney(s) and | f the United Sta eon. /or agent(s) to | ates Code and to prosecute this a | hat such |
| SEND CORRESPONDENCE TO: Corporate Patent Cour J.S. Phillips Corporation; 580 White Plains Road; Tarrytown, NY 10591 | | | nsel; | DIRECT TELEPHONE CALLS TO: (name and telephone No.) (914) 332-0222 | | | |
| Dated: | | | Inventor's Sig | naa ire | | | |
| | 10, 2001 | | mivement of en | Jan . | | | |
| ull Name of Inventor | r Last Name MONSHOUWER | | First Name Rene | | Middle Name | | |
| Residence & Citizenship | City Eindhoven | | State or Fore The Netherla | | Country of Citizenship The Netherlands | | |
| Post Office Address | Street Prof. Holstlaan 6 | City 5656 AA Eir | | | The Netherlands | | Zip Code |
| Dated: August | 10, 2001 | | Inventor's Sig | gnature: | 20- | | |
| full Name of Inventor | Last Name NEIJZEN | First Na Jacobi | | 0 | Middle Name Hermanus Maria | | |
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| Post Office Address | Street | | City | | State or Cour | | Zip Code |

| | | 2/2 | | | |
|----------------------------|-----------------------------|--|--|----------|--|
| Dated: Augus | st 13, 2001 | Inventor's Signature | 1 | | |
| Full Name of Inventor | Last Name VAN DER WERF | First Name Jan | Middle Name | | |
| Residence & Citizenship | City Eindhoven | State or Foreign Country The Netherlands | Country of Citizenship The Netherlands | | |
| Post Office Address | Street Prof. Holstlaan 6 | City 5656 AA Eindhoven | State or Country The Netherlands | Zip Code | |
| Dated: | | Inventor's Signature: | 10 10 10 10 10 10 10 10 10 10 10 10 10 1 | | |
| Full Name of Inventor | Last Name | First Name | Middle Name | | |
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| Dated: | | Inventor's Signature: | | | |
| Full Name of Inventor | Last Name | First Name | Middle Name | | |
| Residence & Citizenship | City | State or Foreign Country | Country of Citizenship | | |
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| Dated: | | Inventor's Signature: | | | |
| Full Name of Inventor | Last Name | First Name | Middle Name | | |
| Residence & Citizenship | City | State or Foreign Country | Country or Citizenship | | |
| Post Office Address | Street | City | State or Country | Zip Code | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE In re Application of Atty. Docket RENE MONSHOUWER ET AL NL 000770

Serial No.

Filed: CONCURRENTLY

METHOD OF MEASURING ALIGNMENT OF A SUBSTRATE WITH RESPECT TO A

REFERENCE ALIGNMENT MARK

Commissioner for Patents Washington, D.C. 20231

APPOINTMENT OF ASSOCIATES

Sir:

The undersigned Attorney of Record hereby revokes all prior appointments (if any) of Associate Attorney(s) or Agent(s) in the above-captioned case and appoints:

STEVEN R. BIREN

(Registration No. 26,531)

c/o U.S. PHILIPS CORPORATION, Intellectual Property Department, 580 White Plains Road, Tarrytown, New York 10591, his Associate Attorney(s)/Agent(s) with all the usual powers to prosecute the above-identified application and any division or continuation thereof, to make alterations and amendments therein, and to transact all business in the Patent and Trademark Office connected therewith.

ALL CORRESPONDENCE CONCERNING THIS APPLICATION AND THE LETTERS PATENT WHEN GRANTED SHOULD BE ADDRESSED TO THE UNDERSIGNED ATTORNEY OF RECORD.

Respe

Michael E. Marion, Reg. 32,266 Attorney of Record

Dated at Tarrytown, New York this 28^{TH} day of August 2001.